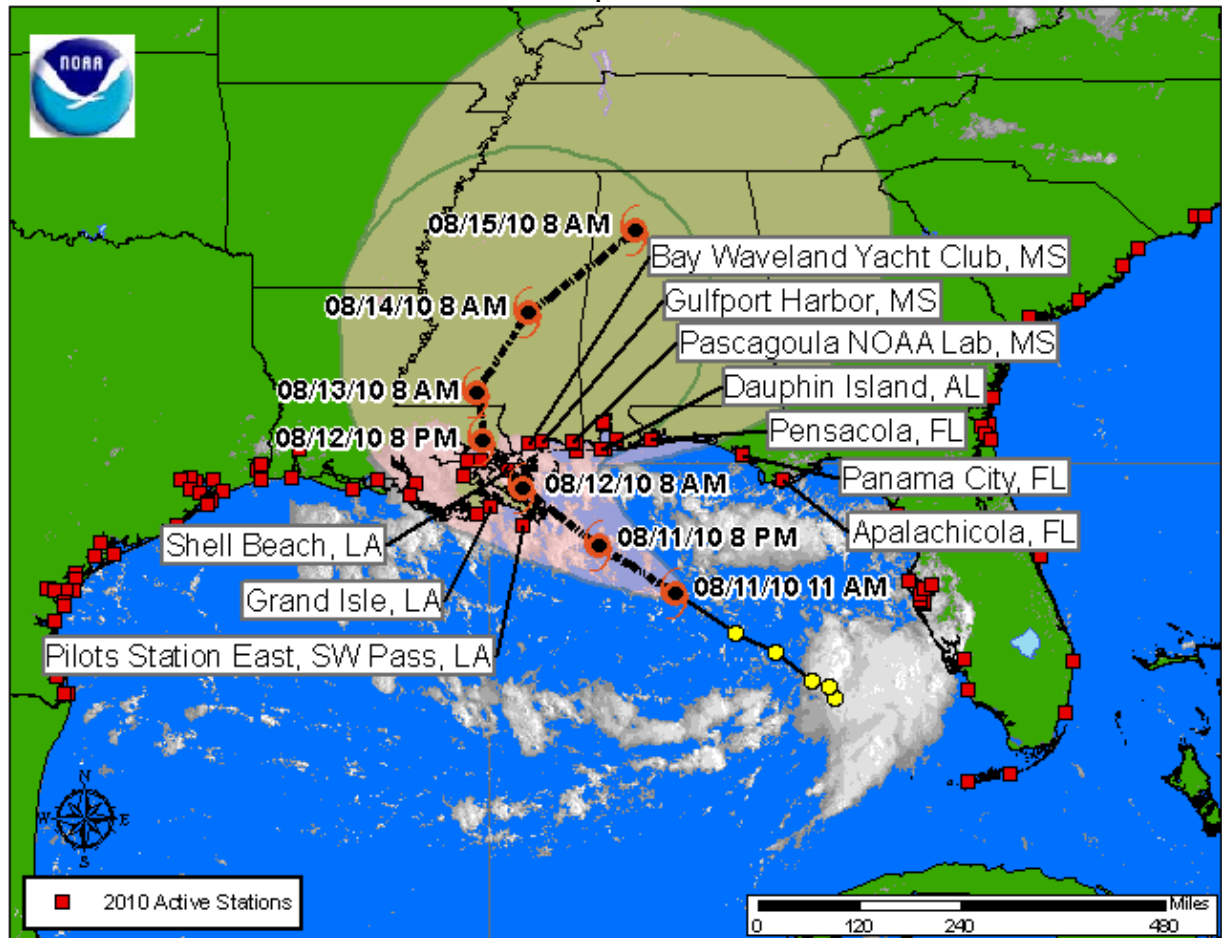




Tropical Depression FIVE QuickLook
Posted: 12:00 EDT 08/11/2010

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/11/2010 12:00 EDT, water levels from Apalachicola, FL to Grand Isle, LA are slowly rising and range between 0.6 and 1.4 ft above predicted. Winds are generally 10 to 15 knots with some gusts over 20 kts. Gusts up to 35 kts have been observed at Pilots Station East, SW Pass, LA over the past few hours. Barometric pressure is slowly falling across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Apalachicola, FL: Next predicted high tides are 1.92 ft (0.59 m) at 08/11/2010 17:10 EDT and 1.58 ft (0.48 m) at 08/12/2010 06:31 EDT.

Panama City, FL: Next predicted high tides are 1.50 ft (0.46 m) at 08/11/2010 12:13 CDT and 0.76 ft (0.23 m) at 08/12/2010 02:22 CDT.

Pensacola, FL: Next predicted high tides are 1.45 ft (0.44 m) at 08/11/2010 13:08 CDT and 1.13 ft (0.34 m) at 08/12/2010 14:34 CDT.

Dauphin Island, AL: Next predicted high tides are 1.25 ft (0.38 m) at 08/11/2010 12:01 CDT and 0.94 ft (0.29 m) at 08/12/2010 12:59 CDT.

Pascagoula NOAA Lab, MS: Next predicted high tides are 1.46 ft (0.45 m) at 08/11/2010 11:52 CDT and 1.18 ft (0.36 m) at 08/12/2010 14:49 CDT.

Gulfport, MS: Next predicted high tides are 1.83 ft (0.56 m) at 08/11/2010 12:17 CDT and 0.98 ft (0.30 m) at 08/12/2010 04:24 CDT.

Bay Waveland, MS: Next predicted high tides are 1.70 ft (0.52 m) at 08/11/2010 13:43 CDT and 0.96 ft (0.29 m) at 08/12/2010 05:40 CDT.

Shell Beach, LA: Next predicted high tides are 1.26 ft (0.38 m) at 08/11/2010 16:32 CDT and 0.80 ft (0.24 m) at 08/12/2010 08:12 CDT

Pilots Station East, LA: Next predicted high tides are 1.31 ft (0.40 m) at 08/11/2010 11:04 CDT and 1.04 ft (0.32 m) at 08/12/2010 12:36 CDT.

Grand Isle, LA: Next predicted high tides are 1.11 ft (0.34 m) at 08/11/2010 12:19 CDT and 0.88 ft (0.27 m) at 08/12/2010 13:58 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL DEPRESSION FIVE ADVISORY NUMBER 4

1100 AM EDT WED AUG 11 2010

...LARGE DEPRESSION REMAINS DISORGANIZED...

WATCHES AND WARNINGS

A TROPICAL STORM WARNING IS IN EFFECT FOR DESTIN FLORIDA TO INTRACOASTAL CITY LOUISIANA...INCLUDING LAKE PONTCHARTRAIN AND NEW ORLEANS

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE

EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 AM EDT...1500 UTC...THE CENTER OF TROPICAL DEPRESSION FIVE WAS LOCATED ABOUT 190 MI S OF PENSACOLA FLORIDA AND ABOUT 165 MI ESE OF THE MOUTH OF THE MISSISSIPPI RIVER. THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 12 MPH. THIS GENERAL MOTION IS FORECAST TO CONTINUE TODAY...WITH A DECREASE IN FORWARD SPEED EXPECTED ON THURSDAY. ON THE FORECAST TRACK...THE DEPRESSION WILL BE APPROACHING THE COAST OF THE NORTH CENTRAL GULF OF MEXICO TONIGHT OR THURSDAY MORNING.

MAXIMUM SUSTAINED WINDS ARE NEAR 30 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS POSSIBLE AND THE DEPRESSION COULD BECOME A TROPICAL STORM BEFORE IT REACHES THE COAST.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1008 MB...29.77 INCHES.

HAZARDS AFFECTING LAND

RAINFALL...TOTAL RAIN ACCUMULATIONS OF 3 TO 5 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 8 INCHES ARE POSSIBLE FROM SOUTHEASTERN LOUISIANA TO THE WESTERN FLORIDA PANHANDLE THROUGH FRIDAY MORNING.

WIND...TROPICAL STORM CONDITIONS COULD BEGIN TO AFFECT THE TROPICAL STORM WARNING AREA TONIGHT OR EARLY THURSDAY MORNING.

STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 1 TO 3 FEET ABOVE GROUND LEVEL ALONG THE IMMEDIATE COAST NEAR AND TO THE EAST OF WHERE THE CENTER MAKES LANDFALL.

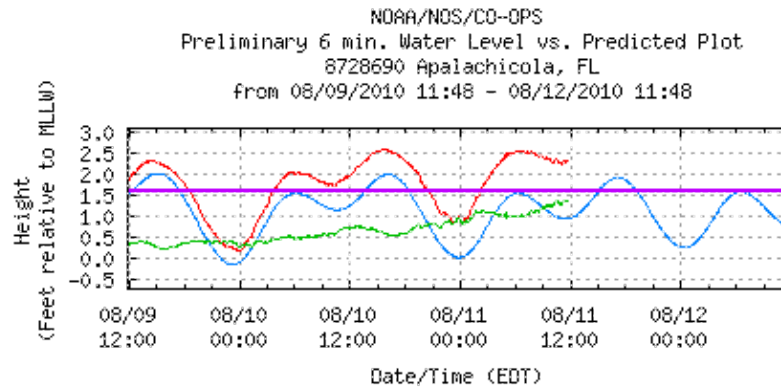
FORECASTER BROWN/CANGIALOSI

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Apalachicola - Air/Water Temp](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Panama City - Air/Water Temp](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Pensacola - Air/Water Temp](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Dauphin Island - Air/Water Temp](#), [Pascagoula NOAA Lab - Water Level](#), [Gulfport Harbor - Water Level](#), [Gulfport Outer Range - Winds](#), [Gulfport Outer Range - Barometric](#), [Bay Waveland](#)

Yacht Club - Water Level, Bay Waveland Yacht Club - Winds, Bay Waveland Yacht Club - Barometric, Bay Waveland Yacht Club - Air/Water Temp, Grand Isle - Water Level, Grand Isle - Winds, Grand Isle - Barometric, Grand Isle - Air/Water Temp, Pilots Station East, SW Pass - Water Level, Pilots Station East, SW Pass - Winds, Pilots Station East, SW Pass - Barometric, Pilots Station East, SW Pass - Air/Water Temp, Shell Beach - Water Level, Shell Beach - Winds, Shell Beach - Barometric, Shell Beach - Air/Water Temp,

Apalachicola, FL - [Return to List](#)

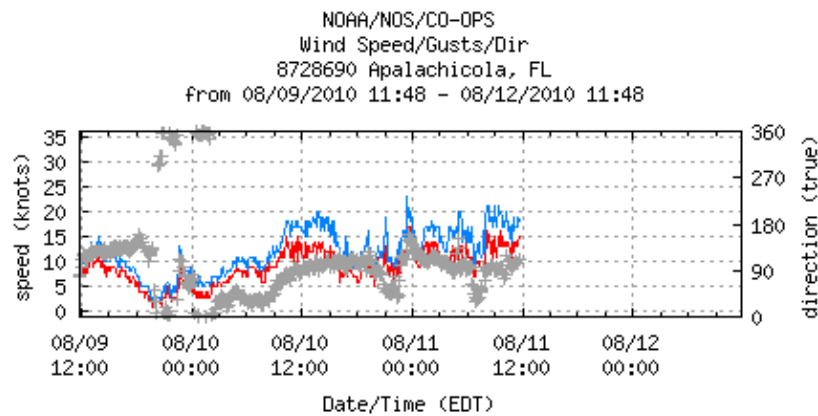


Last Observed Sample: 08/11/2010 11:36 (EDT)

Relative to **MLLW**: **Observed: 2.32 ft. Predicted: 0.94 ft. Residual: 1.38 ft.**

Historical Maximum Water Level: Nov 21 1985, 5.69 ft. above **MHHW**

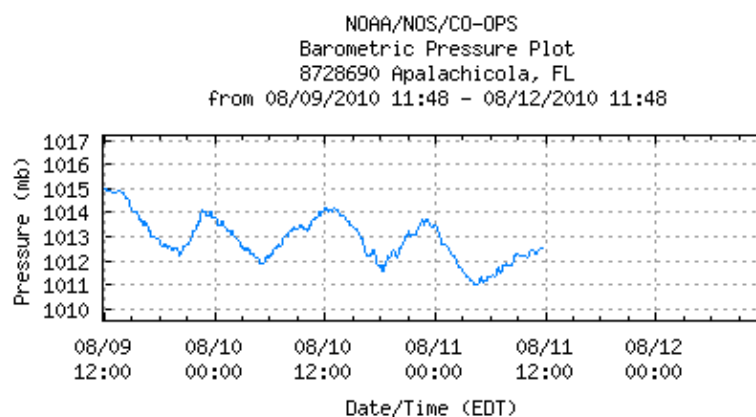
Apalachicola, FL - [Return to List](#)



Last Observed Sample: 08/11/2010 11:36 (EDT)

Wind Speed: 15 knots Gusts: 18 knots Direction: 110° T

Apalachicola, FL - [Return to List](#)

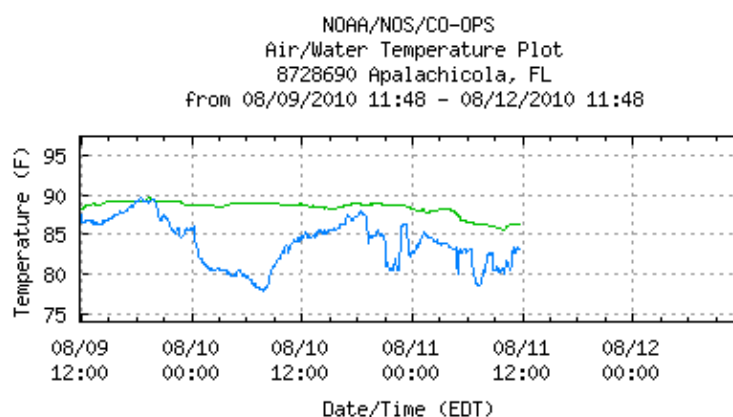


barometric pressure —

Last Observed Sample: 08/11/2010 11:36 (EDT)

Barometric Pressure: 1012.5 mb

Apalachicola, FL - [Return to List](#)

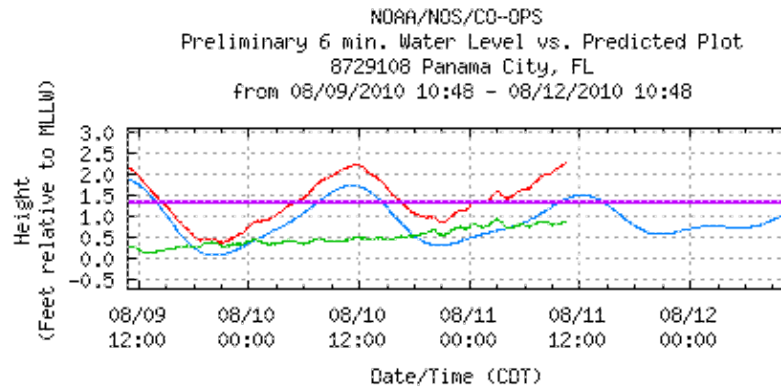


water temp. — air temp —

Last Observed Sample: 08/11/2010 11:36 (EDT)

Water Temperature: 86.2° F Air Temperature: 83.1° F

Panama City, FL - [Return to List](#)

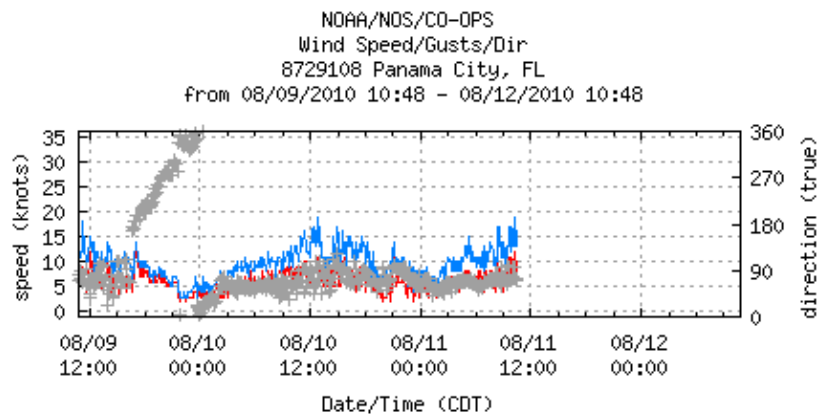


Last Observed Sample: 08/11/2010 10:30 (CDT)

Relative to **MLLW**: **Observed: 2.27 ft. Predicted: 1.42 ft. Residual: 0.85 ft.**

Historical Maximum Water Level: Oct 4 1995, 5.72 ft. above **MHHW**

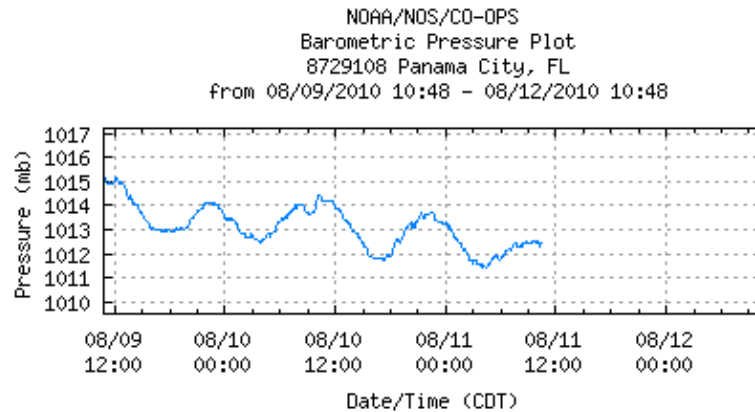
Panama City, FL - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Wind Speed: 7 knots Gusts: 13 knots Direction: 071° T

Panama City, FL - [Return to List](#)

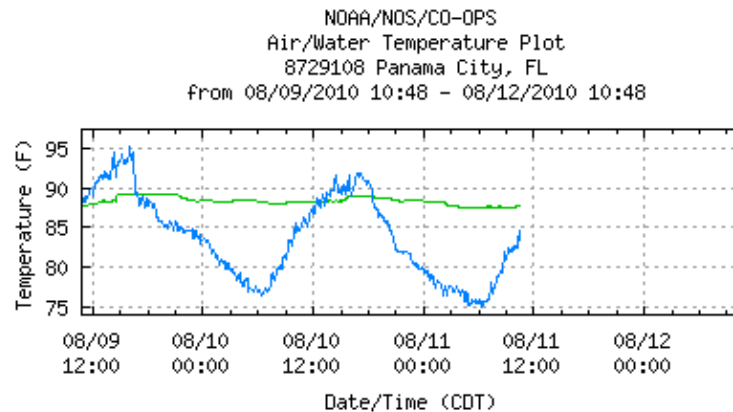


barometric pressure —

Last Observed Sample: 08/11/2010 10:30 (CDT)

Barometric Pressure: 1012.4 mb

Panama City, FL - [Return to List](#)

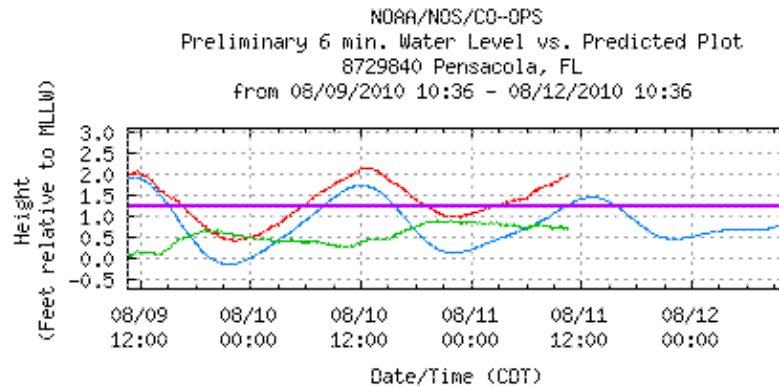


water temp. — air temp —

Last Observed Sample: 08/11/2010 10:30 (CDT)

Water Temperature: 87.8° F Air Temperature: 84.6° F

Pensacola, FL - [Return to List](#)

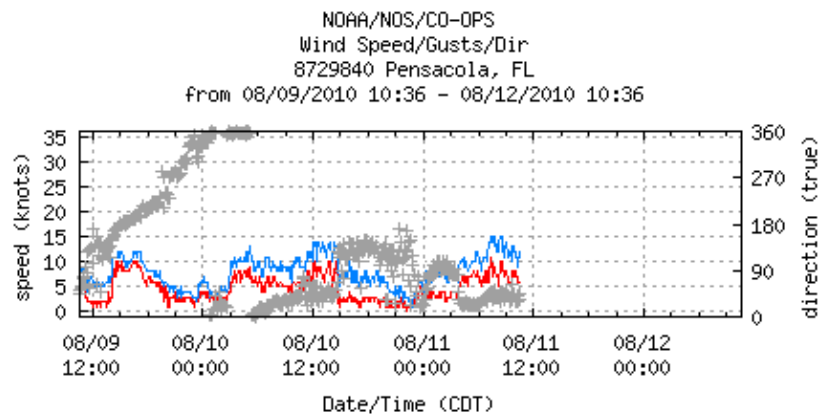


Last Observed Sample: 08/11/2010 10:30 (CDT)

Relative to **MLLW**: **Observed: 1.95 ft. Predicted: 1.27 ft. Residual: 0.68 ft.**

Historical Maximum Water Level: Sep 18 1926, 7.41 ft. above **MHHW**

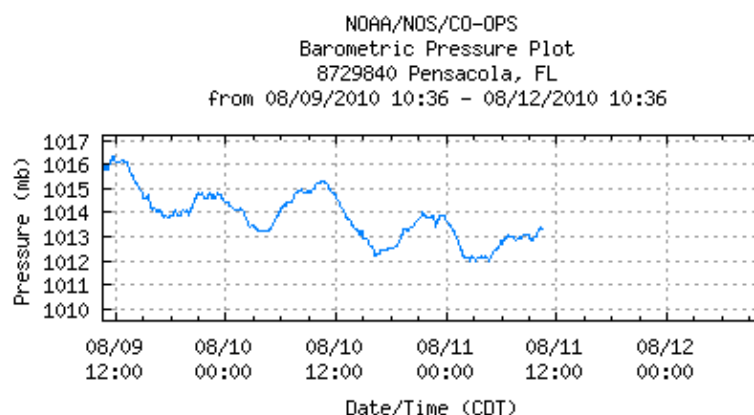
Pensacola, FL - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Wind Speed: 6 knots Gusts: 11 knots Direction: 032° T

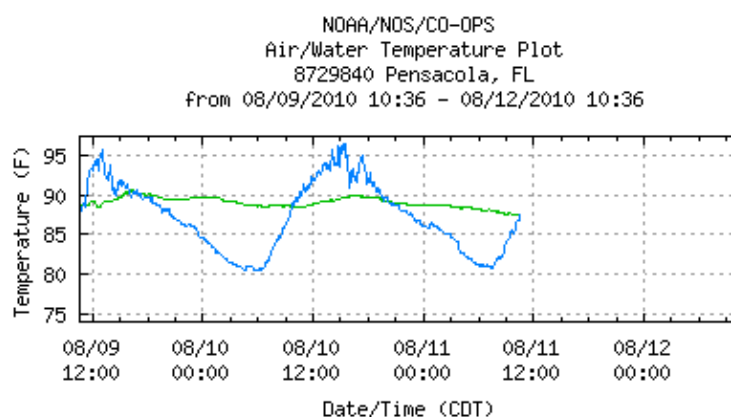
Pensacola, FL - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Barometric Pressure: 1013.3 mb

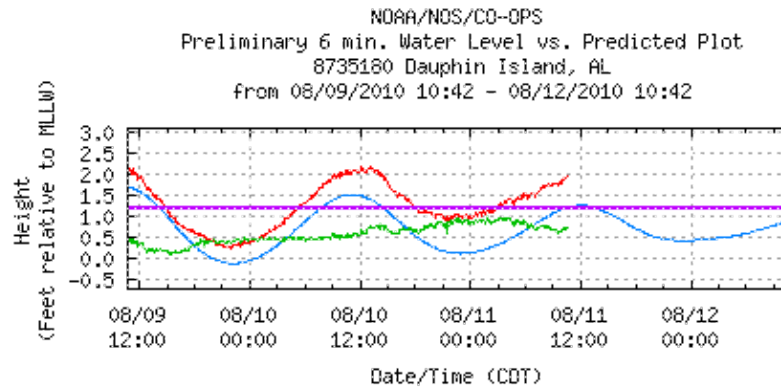
Pensacola, FL - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Water Temperature: 87.5° F Air Temperature: 87.4° F

Dauphin Island, AL - [Return to List](#)

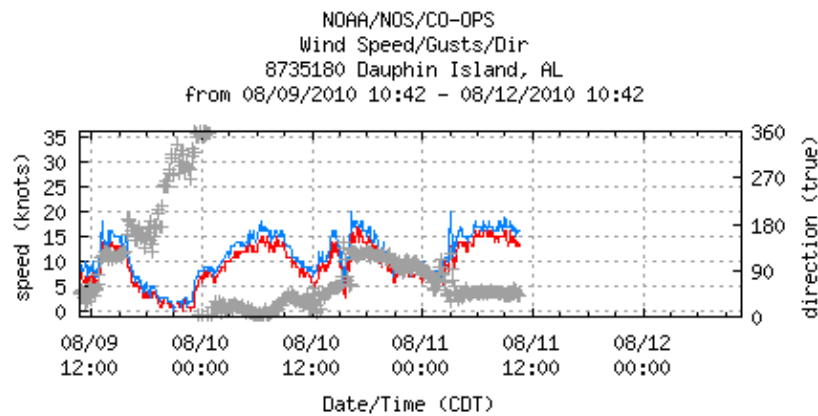


Last Observed Sample: 08/11/2010 10:30 (CDT)

Relative to **MLLW**: **Observed: 1.94 ft. Predicted: 1.20 ft. Residual: 0.74 ft.**

Historical Maximum Water Level: Sep 2 1985, 3.36 ft. above **MHHW**

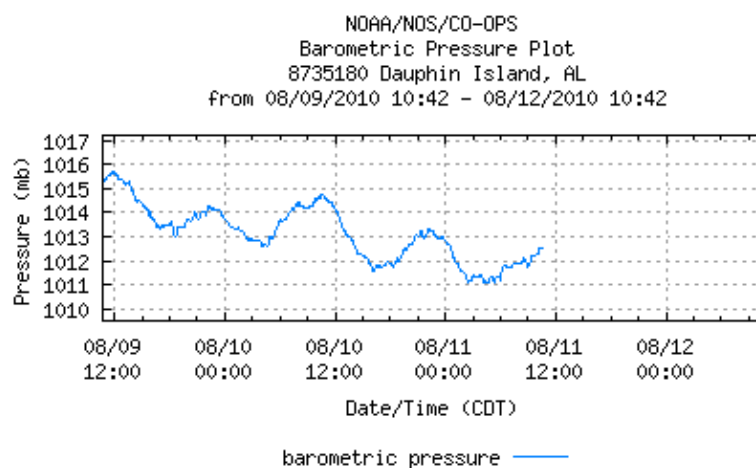
Dauphin Island, AL - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Wind Speed: 13 knots Gusts: 16 knots Direction: 042° T

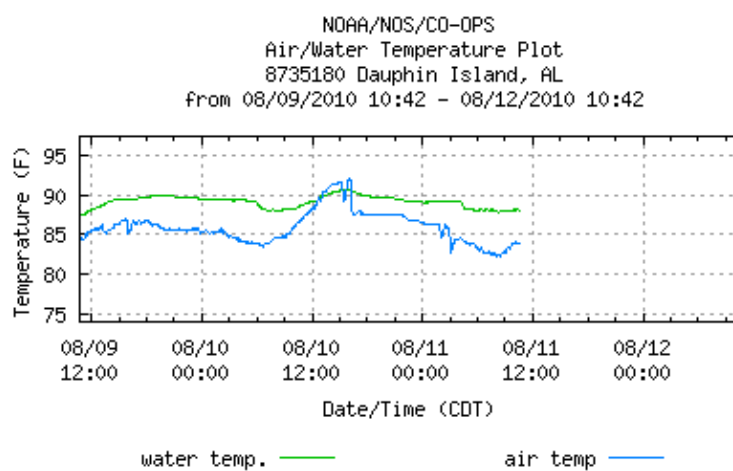
Dauphin Island, AL - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Barometric Pressure: 1012.5 mb

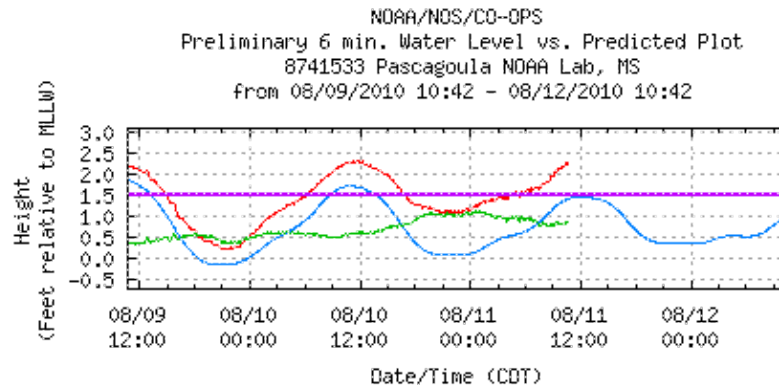
Dauphin Island, AL - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Water Temperature: 88.0° F Air Temperature: 84.0° F

Pascagoula NOAA Lab, MS - [Return to List](#)

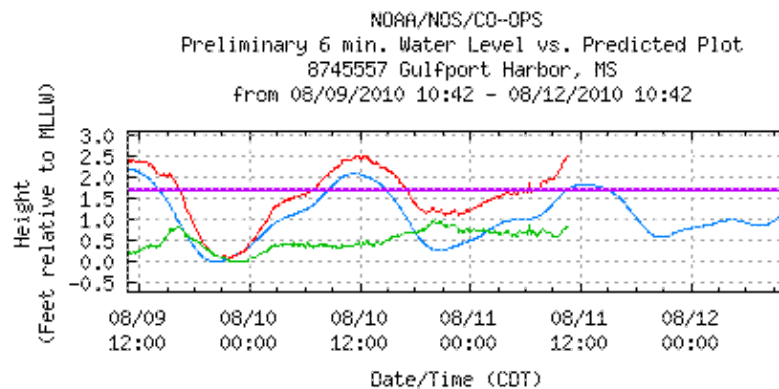


Last Observed Sample: 08/11/2010 10:36 (CDT)

Relative to **MLLW**: **Observed: 2.25 ft. Predicted: 1.41 ft. Residual: 0.84 ft.**

Historical Maximum Water Level: Sep 1 2008, 4.9 ft. above **MHHW**

Gulfport Harbor, MS - [Return to List](#)

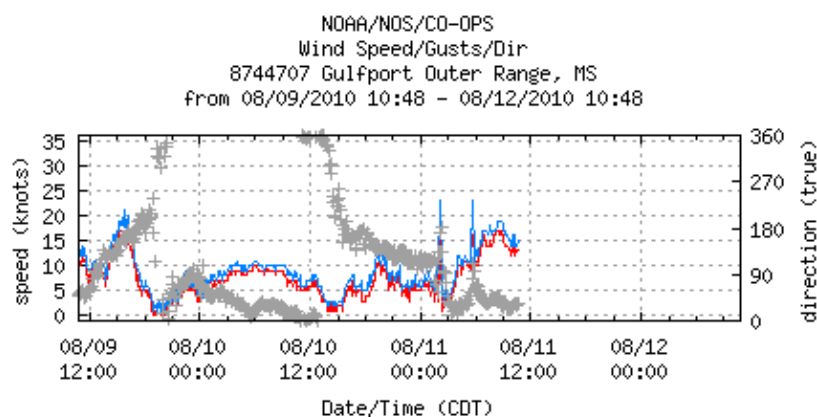


Last Observed Sample: 08/11/2010 10:30 (CDT)

Relative to **MLLW**: **Observed: 2.49 ft. Predicted: 1.69 ft. Residual: 0.80 ft.**

Historical Maximum Water Level: Apr 30 2006, 2.51 ft. above **MHHW**

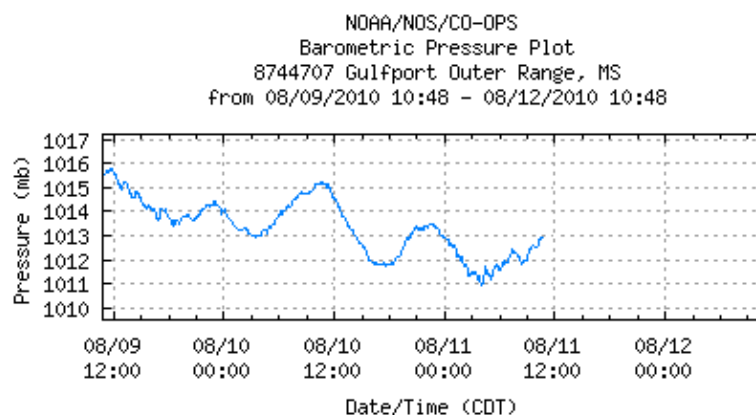
Gulfport Outer Range, MS - [Return to List](#)



Last Observed Sample: 08/11/2010 10:36 (CDT)

Wind Speed: 13 knots Gusts: 15 knots Direction: 034° T

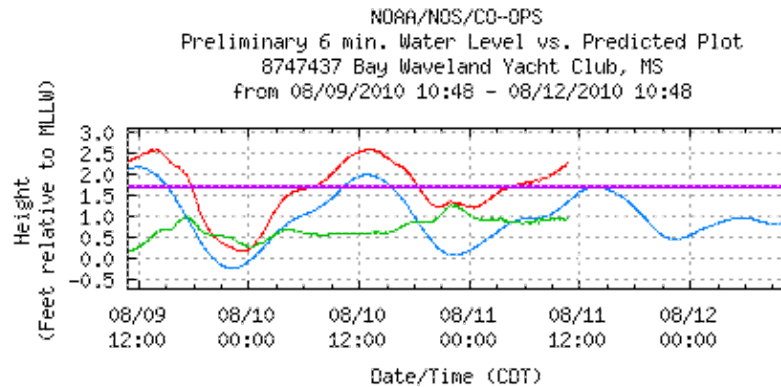
Gulfport Outer Range, MS - [Return to List](#)



Last Observed Sample: 08/11/2010 10:36 (CDT)

Barometric Pressure: 1012.9 mb

Bay Waveland Yacht Club, MS - [Return to List](#)



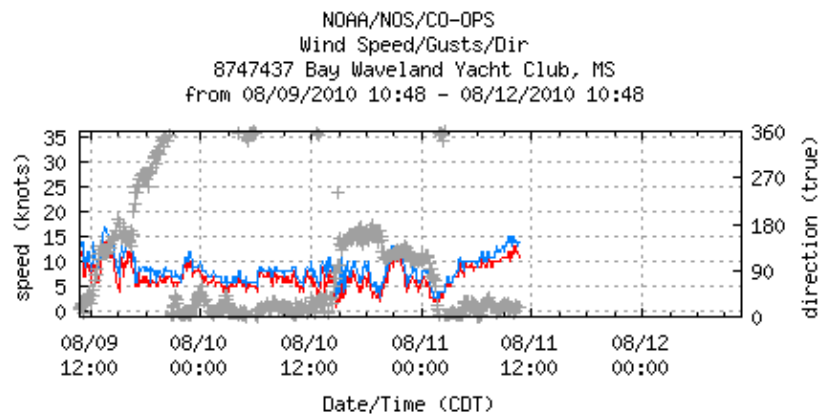
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/11/2010 10:36 (CDT)

Relative to **MLLW**: **Observed: 2.25 ft.** **Predicted: 1.32 ft.** **Residual: 0.93 ft.**

Historical Maximum Water Level: Oct 28 1985, 5.05 ft. above **MHHW**

Bay Waveland Yacht Club, MS - [Return to List](#)

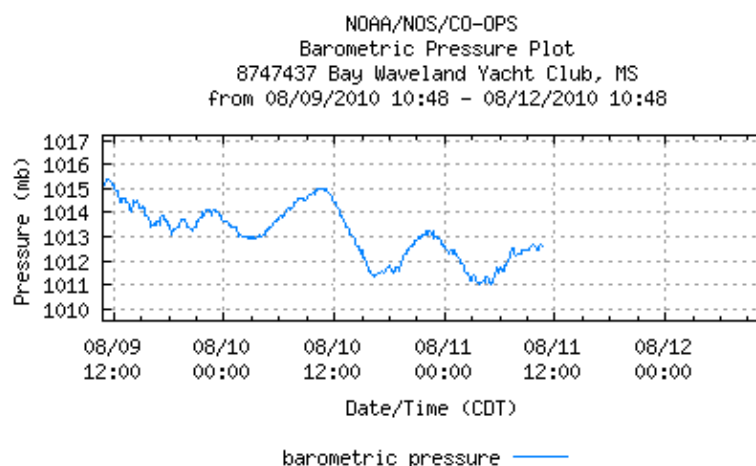


speed — gusts — direction +

Last Observed Sample: 08/11/2010 10:36 (CDT)

Wind Speed: 11 knots **Gusts: 14 knots** **Direction: 019° T**

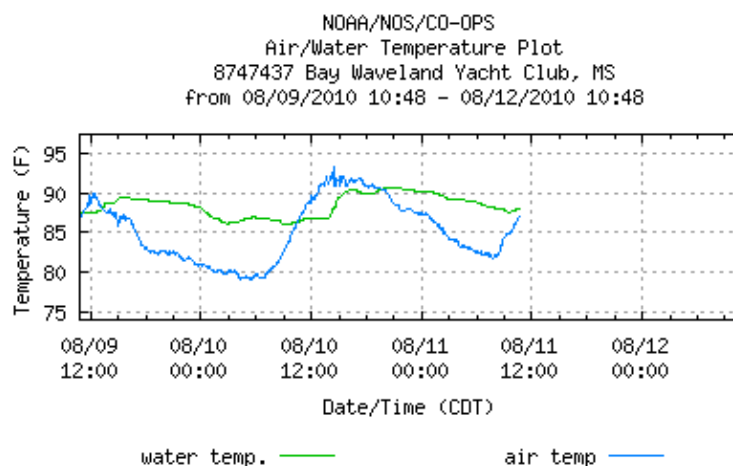
Bay Waveland Yacht Club, MS - [Return to List](#)



Last Observed Sample: 08/11/2010 10:36 (CDT)

Barometric Pressure: 1012.6 mb

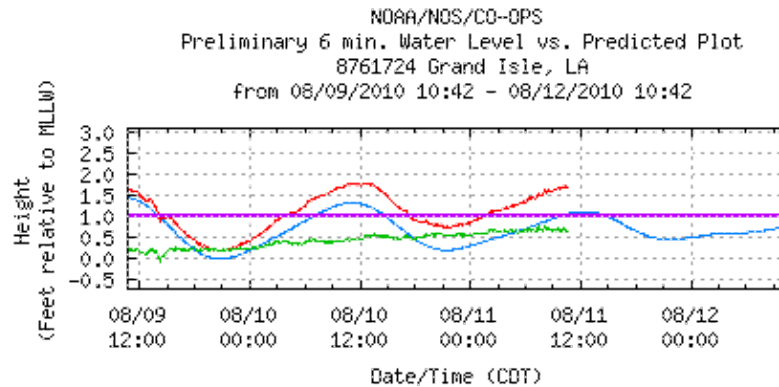
Bay Waveland Yacht Club, MS - [Return to List](#)



Last Observed Sample: 08/11/2010 10:36 (CDT)

Water Temperature: 88.0° F Air Temperature: 87.1° F

Grand Isle, LA - [Return to List](#)

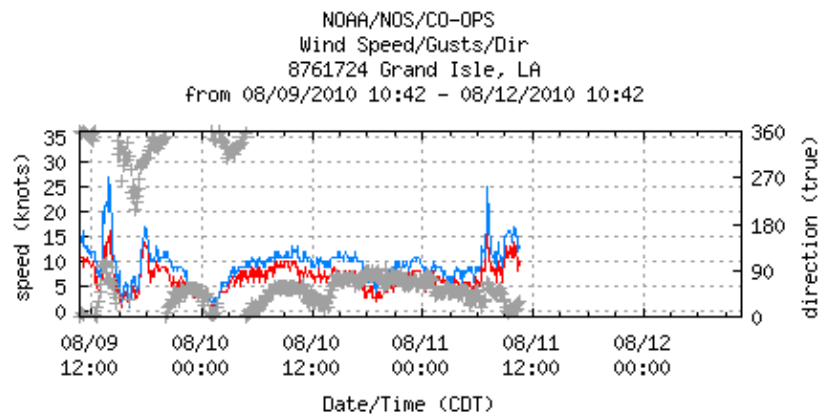


Last Observed Sample: 08/11/2010 10:30 (CDT)

Relative to **MLLW**: **Observed: 1.70 ft. Predicted: 1.06 ft. Residual: 0.64 ft.**

Historical Maximum Water Level: Aug 29 2005, 4.54 ft. above **MHHW**

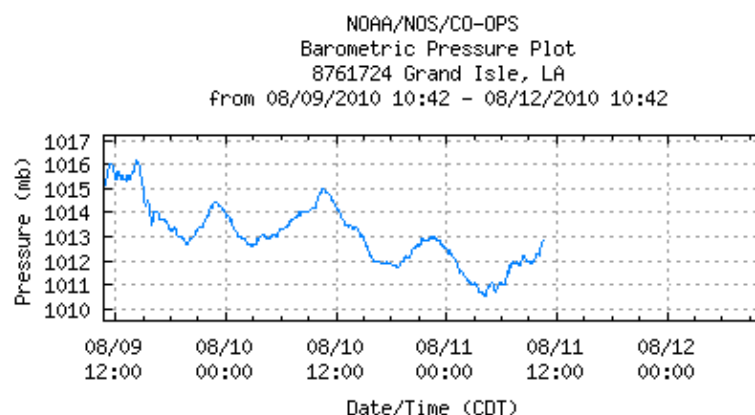
Grand Isle, LA - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 029° T

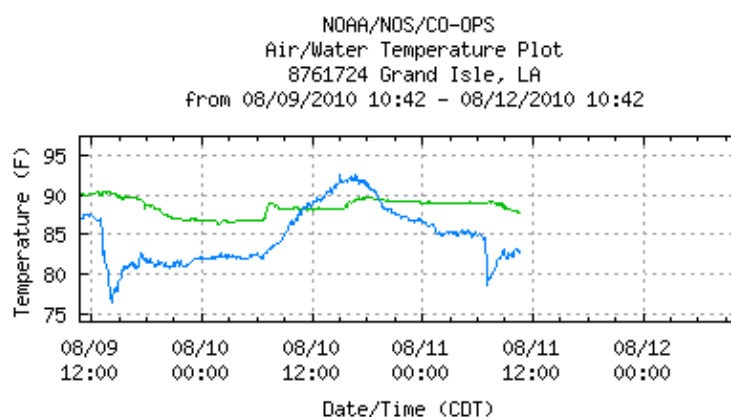
Grand Isle, LA - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Barometric Pressure: 1012.8 mb

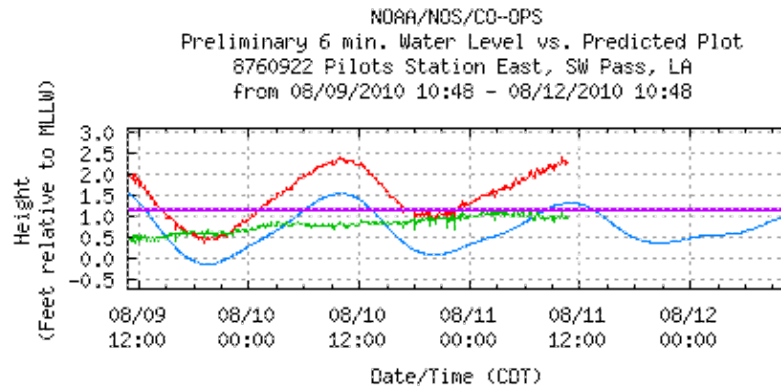
Grand Isle, LA - [Return to List](#)



Last Observed Sample: 08/11/2010 10:30 (CDT)

Water Temperature: 87.8° F Air Temperature: 82.8° F

Pilots Station East, SW Pass, LA - [Return to List](#)

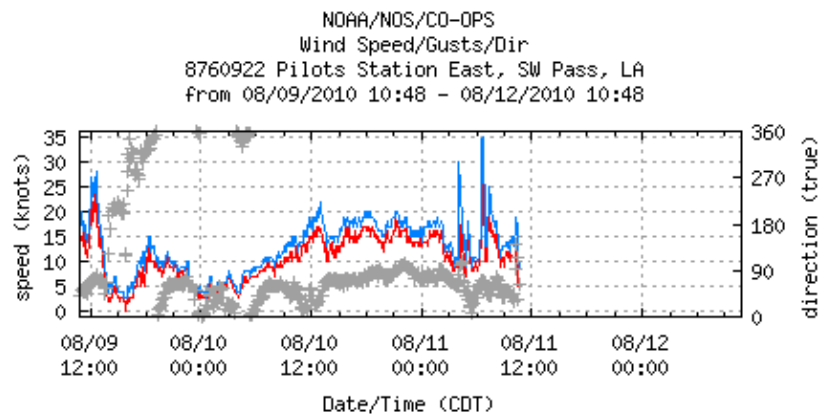


Last Observed Sample: 08/11/2010 10:36 (CDT)

Relative to **MLLW**: **Observed: 2.28 ft.** **Predicted: 1.31 ft.** **Residual: 0.97 ft.**

Historical Maximum Water Level: Aug 29 2005, 6.24 ft. above **MHHW**

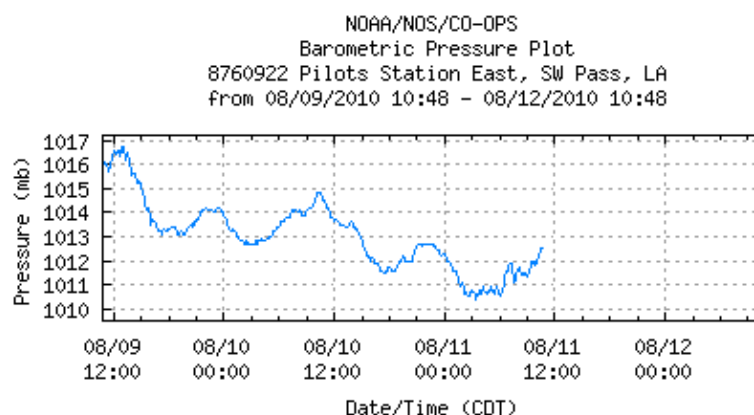
Pilots Station East, SW Pass, LA - [Return to List](#)



Last Observed Sample: 08/11/2010 10:36 (CDT)

Wind Speed: 6 knots **Gusts: 9 knots** **Direction: 063° T**

Pilots Station East, SW Pass, LA - [Return to List](#)

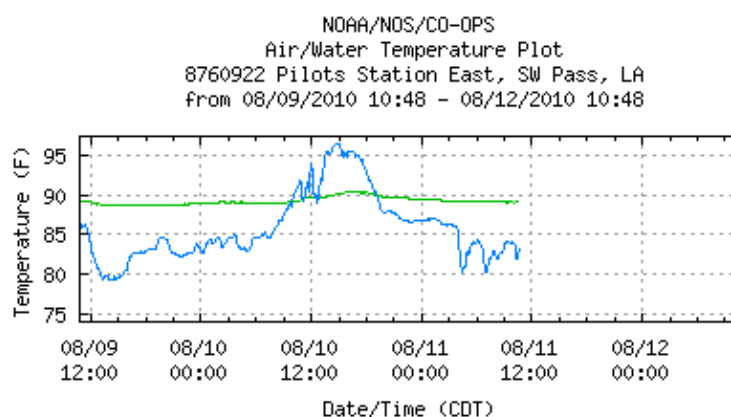


barometric pressure —

Last Observed Sample: 08/11/2010 10:36 (CDT)

Barometric Pressure: 1012.5 mb

Pilots Station East, SW Pass, LA - [Return to List](#)

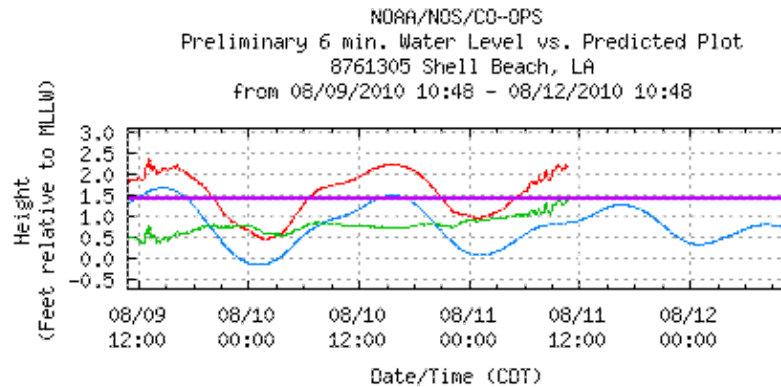


water temp. — air temp —

Last Observed Sample: 08/11/2010 10:36 (CDT)

Water Temperature: n/a Air Temperature: 83.1° F

Shell Beach, LA - [Return to List](#)

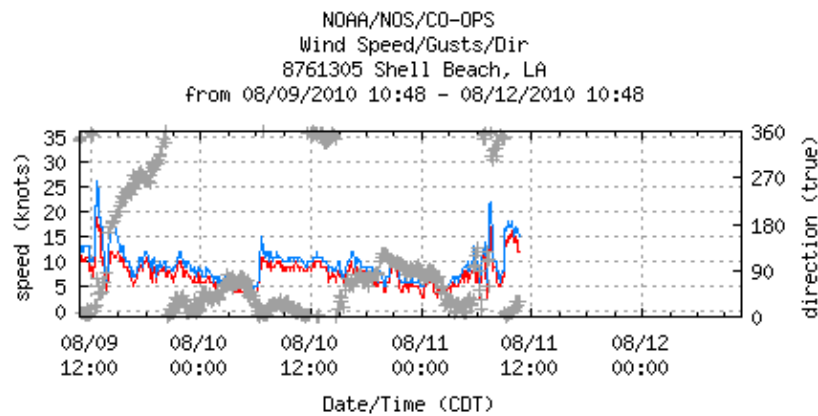


Last Observed Sample: 08/11/2010 10:36 (CDT)

Relative to **MLLW**: **Observed: 2.18 ft.** **Predicted: 0.84 ft.** **Residual: 1.34 ft.**

Historical Maximum Water Level: Sep 1 2008, 8.84 ft. above **MHHW**

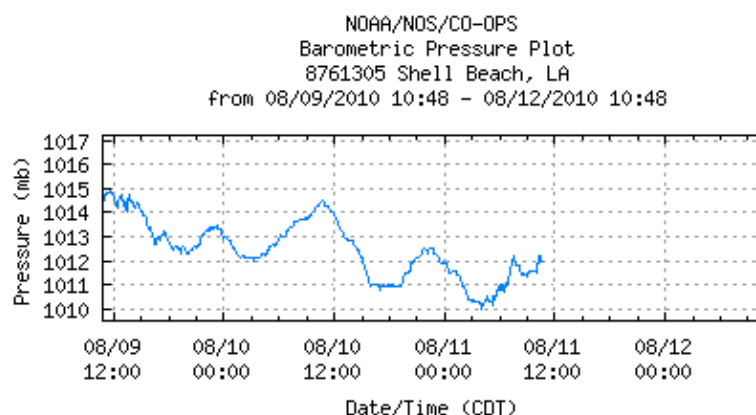
Shell Beach, LA - [Return to List](#)



Last Observed Sample: 08/11/2010 10:36 (CDT)

Wind Speed: 12 knots **Gusts: 15 knots** **Direction: 029° T**

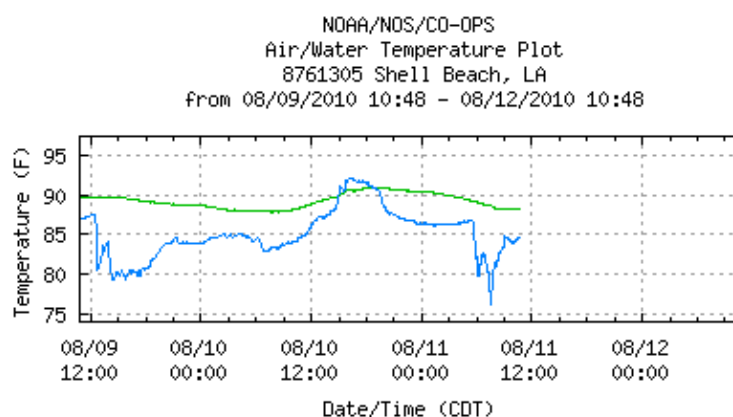
Shell Beach, LA - [Return to List](#)



Last Observed Sample: 08/11/2010 10:36 (CDT)

Barometric Pressure: 1012.0 mb

Shell Beach, LA - [Return to List](#)



Last Observed Sample: 08/11/2010 10:36 (CDT)

Water Temperature: 88.2° F Air Temperature: 84.5° F

Tropical Depression FIVE QuickLook, POSTED 12:00 EDT 08/11/2010

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce